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Derwent Title: **Internally ventilated brake disc with brake ring connected to casing - has rivets in sleeves with ends overlapping ring arms, and with rivet heads and absorbent material**

Original Title:  [EP0872659A1](#): Brake disc, in particular internally ventilated brake disc

Assignee: **PORSCHE AG F** Standard company
Other publications from [PORSCHE AG F \(PORS\)](#)...

Inventor: **MARTIN R;**

Accession/Update: **1998-533995 / 200516**

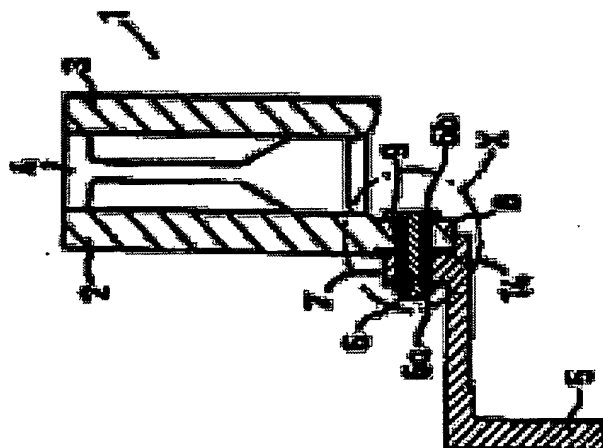
IPC Code: **F16D 65/12 ;**

Derwent Classes: **Q63;**

Derwent Abstract: ([EP0872659A](#)) The at least one brake ring (2) is connected to the brake disc casing (5) by connecting elements concentrically positioned in relation to the casing and penetrating the overlapping ring-arms (7,8). The brake ring is riveted (6) to the casing; the rivets are each contained in a sleeve (9) with an end overlap (a) to the outer surface of the ring arm.
A rivet or closure head (6a,b) grips over the protruding end surfaces of the sleeves. Highly absorbent material has damping plate (14) with elastic layers fills the spaced between the overlapping ring-arms of the brake disc casing and of the brake ring of the brake disc.

Advantage - The brakes are prevented from screeching by axial oscillations being dampened during braking.

Images:



Dwg. 1/6

Family:

PDF Patent

Pub. Date

Derwent
Update

Pages Language IPC Code



[EP0872659A1](#) *

1998-10-21

199846

8

German

F16D 65/12

(R) AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO

Des. States: SE SI

Local appls.: [EP1998000107152](#) Filed:1998-04-20 (98EP-0107152)☒ [ES2223094T3](#) = 2005-02-16 200516 Spanish F16D 65/12Local appls.: Based on [EP00872659](#) (EP 872659)
[EP1998000107152](#) Filed:1998-04-20 (98EP-0107152)☒ [DE59811882G](#) = 2004-10-07 200466 German F16D 65/12Local appls.: Based on [EP00872659](#) (EP 872659)
[EP1998000107152](#) Filed:1998-04-20 (98EP-0107152)
[DE1998000511882](#) Filed:1998-04-20 (98DE-0511882)☒ [EP0872659B1](#) = 2004-09-01 200457 5 German F16D 65/12

Des. States: (R) DE ES FR GB IT SE

Local appls.: [EP1998000107152](#) Filed:1998-04-20 (98EP-0107152)

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Legal Status:

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[First Claim:](#)
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1. Bremsscheibe, insbesondere innenbelüftete Bremsscheibe, mit mindestens einem Bremsring, der über Verbindungselemente mit einem Bremsscheibentopf verbunden ist, und die Verbindungselemente konzentrisch zum Bremsscheibentopf angeordnet sind und sich überlappende Ringstege des Bremsringes und des Bremsscheibentopfes durchdringen, dadurch gekennzeichnet, daß der Bremsring (2) mit dem Bremsscheibentopf (5) über Niete (6; 30) verbunden ist, welche jeweils in einer Hülse (9) mit einem endseitigen Überstand (a) zur Außenfläche (13, 13a) des Ringsteiges (7 oder 8) angeordnet sind und ein in Hülsen gehaltener Niet- bzw. Schließkopf (6a bzw. 6b) die überstehende Hülsenstirnfläche (9a) zur Befestigung übergreift.

[Priority Number:](#)

Application Number	Filed	Original Title
DE1998001015807	1998-04-08	
DE1997001016568	1997-04-19	

[Related](#)
Accessions:

Accession Number	Type	Derwent Update	Derwent Title
1998-533994	R	199846	Internally ventilated brake disc with brake ring - has rivets joining brake ring to brake disc casing, sleeve, and shock absorbent material
1 item found			

[Title Terms:](#)

INTERNAL VENTILATION BRAKE DISC BRAKE RING CONNECT CASING RIVET SLEEVE END OVERLAP RING ARM RIVET HEAD ABSORB MATERIAL

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